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Atty. Dkt. No. P66536US0

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Henrik STENDER et al.

Serial No.: 08/943,777

Group Art Unit: 1655

Filed: October 3, 1977

Examiner: FREDMAN, J.

For: NOVEL PROBES FOR THE DETECTION OF MYCOBACTERIA

**PRELIMINARY AMENDMENT**

Commissioner of Patents  
Washington, D.C. 20231

Sir:

Enter the instant amendment before initial examination.

**IN THE CLAIMS**

Cancel claims 1-36, without prejudice or disclaimer, and add the following claims.

37. A method for detecting a target sequence of one or more mycobacteria present in a sample comprising
- a) contacting said sample (i) with one or more peptide nucleic acid probes that hybridises with rRNA or rDNA to form a detectable hybrid (ii) under conditions whereby hybridisation takes place between said probe and said rRNA or rDNA, and
  - b) observing or measuring any detectable hybrids formed, and relating said observation or measurement to the presence of a target sequence of one or more mycobacteria in said sample.